

IN THE CLAIMS

Claim 1 (Currently Amended) A washer system for an automotive vehicle, comprising:
a first reservoir containing a freezable fluid;
a second reservoir containing freeze-resistant fluid;
a mixer for combining fluids from the first and second reservoirs; ~~[[and]]~~
a fluid distribution system, operatively associated with said mixer, for consuming all of the fluid passing through the mixer, at the time the fluid is mixed; and
a controller, operatively connected with the mixer, for determining a relative proportion for combining the fluids from said first and second reservoirs.

Claim 2 (Original): An automotive washer system according to Claim 1, further comprising a temperature sensor operatively connected with said controller, with said controller determining said relative proportion based at least in part upon an output from said sensor.

Claim 3 (Original): An automotive washer system according to Claim 2, wherein said controller further comprises a memory for storing values corresponding to said relative proportion and to the temperature output of said sensor.

Claim 4 (Original): An automotive washer system according to Claim 2, wherein said controller further comprises a memory for storing values corresponding to said relative proportion and to the temperature output of said sensor.

Claim 5 (Currently Amended) An automotive washer system according to Claim 1, further comprising a temperature sensor operatively connected with said controller ~~and a fluid distribution system operatively associated with said mixer~~, with said fluid distribution system having a heater operated by the controller according to at least the output of said sensor.

Claim 6 (Currently Amended) A temperature adaptive automotive washer system comprising:
a first reservoir containing a freezable fluid;
a second reservoir containing a freeze-resistant fluid;
a mixer for combining fluids from the first and second reservoirs;

a fluid distribution system operatively associated with said mixer, with said fluid distribution system consuming all of the combined fluid at the time the fluid is combined;
a heater for increasing the temperature of at least a portion of said fluid distribution system;
a temperature sensor for measuring a temperature of at least a portion of said washer system; and
a controller, operatively connected with the mixer, the temperature sensor, and the heater, with said controller determining a relative proportion for combining the fluids from said first and second reservoirs and operating the heater, as a function of at least the temperature measured by the temperature sensor.

Claim 7 (Original): An automotive washer system according to Claim 6, wherein said controller comprises a memory for storing a temperature value corresponding to the temperature of at least a portion of the fluid distribution system and the mixer each time fluid passes through the fluid distribution system, with said controller operating the heater as a function of at least a previously stored value of said temperature.

Claim 8 (Original): An automotive washer system according to Claim 6, wherein said controller determines said relative proportion so as to use a minimum amount of fluid from said second reservoir.

Claim 9 (Withdrawn) A method for operating an automotive washer system, comprising the steps of :
measuring a temperature related to the temperature of said system;
reading a previously stored system mix value;
determining whether the said previous mix value is suitable for the measured temperature;
calculating a new value based at least in part upon the measured temperature; and
applying heat to the washer system in the event that the previously stored mix value corresponds to a temperature in excess of the measured system temperature.

Claim 10 (Withdrawn) A method to Claim 9, further comprising the steps of mixing washer fluid from a plurality of reservoirs according to the new mix value and applying the mixed fluid to an outer surface of a vehicle.